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DAYTON, Ohio, June 18, 1971 --- A team of six University of Dayton students scientists, directed by senior Mark MacNealy of Dayton, has received a grant of \$6,440 from the National Science Foundation to study the ecology of plants during the summer. The award has been made through the newly-created Student-Originated Studies (SOS) program and is one of 97 awarded to colleges and universities throughout the country.

The 97 programs were selected from 560 proposals dealing with environmental problems. The proposals had to be student initiated, planned and directed from start to finish. The NSF brochure states that "the SOS program is designed to encourage undergraduate students to express in productive ways their concern for the environment and accept the responsibility for their educational development."

MacNealy, son of Mr. and Mrs. Robert MacNealy of 244 Cellarius Court, describes the UD research "as an effort to study the exposure of buckwheat plants to oxident pollution. We are studying the effect ozone and titanium dioxide pollutants have on these plants."

In the case of ozone, MacNealy said, the students are using Butylated Hydroxy Toluene (BHT) as a corrective agent to stop, or slow down, the damage. The experiment with titanium dioxide will be to determine the extent of damage, if any, this agent causes in the buckwheat plant.

The interdisciplinary team consisting of four physics, one chemistry and one pre-medical majors will conduct the experiments during the summer sessions of June 21 through July 30.

Besides MacNealy, who is a graduate of Colonel White High School, the team consists of Gary Lee Jones, son of Mr. and Mrs. Marvin Jones, 4777 Lamme Road, Dayton; Anthony Baglio of Fairview, Pennsylvania; Charles D. Brown of Ossining, New York; Diane Skowronski of Vermilion, Ohio; and Anibal L. Taboas of San Juan, Puerto Rico.

Brown, Jones, Baglio and Taboas are physics majors; Miss Skowronski is majoring in chemistry and MacNealy a pre-med student. All will be seniors in the fall.

Jones is a graduate of West Carrollton Senior High School.